



*JPW/AB*

PATENT  
TH-1786 (US)

certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on or before the date shown below.

*Richard F. Lemuth*  
Richard F. Lemuth

Date: *August 26, 2005*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of )  
)  
LEONID I. RUBINSTEIN ET AL )  
)  
Serial No. 10/694,338 )  
)  
Filed October 27, 2003 )  
)  
A PROCESS FOR PREPARING AN OLEFIN )  
OXIDE, A METHOD OF USING THE OLEFIN )  
OXIDE AND A CATALYST COMPOSITION )  
\_\_\_\_\_ )

Group Art Unit: 1625

Examiner: Examiner T. V. Oh

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.56 AND 1.97**

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents, other than the U.S. patent documents, are enclosed.

For a foreign language document, an English language translation is provided where it is readily available to Applicant's attorney. If no translation is available, an English

08/31/2005 HDESTA1 00000011 191800 10694338

01 FC:1806 180.00 DA

language counterpart, where available, is provided or an English language abstract, where available, is provided.

Applicant is aware of pending patent application Serial No. 10/677,647, filed on September 30, 2003, which claims a related, but different invention.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

The Examiner is authorized to charge the required \$180.00 fee to Shell Oil Company, Deposit Account No. 19-1800.

Respectfully submitted,

LEONID I. RUBINSTEIN ET AL

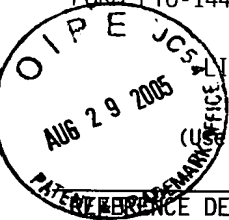
By 

Attorney, Richard F. Lemuth  
Registration No. 30,081  
(713) 241-3716

P.O. Box 2463  
Houston, Texas 77252-2463

Enclosure: PTO Form -1449

FORM PTO-1449 (Modified)


 LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

 ATTY. DOCKET NO.  
TH-1786 (US)

 APPLICATION NUMBER  
10/694.338

 APPLICANT  
Leonid I. Rubinstein et al

 FILING DATE  
10/27/03

 GROUP ART UNIT  
1625

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	3,962,136	6/76	Nielsen et al	252	454	
	AB	4,833,261	5/89	Lauritzen	549	536	
	AC	5,965,480	10/99	Cooker et al	502	226	
	AD	5,770,746	6/98	Cooker et al	549	534	
	AE	5,698,719	12/97	Gaffney et al	549	534	
	AF	5,703,254	12/97	Gaffney et al	549	536	
	AG	4,820,675	4/89	Lauritzen	502	216	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AI	1,282,772	4/91	CA	B01J	32/00		
	AJ	425,020 A1	5/91	EP	C07D	301/10		
	AK	179,584 B1	3/92	EP	B01J	23/50		
	AL	WO 00/15333	3/00	WO	B01J	23/50		
	AM	0003642 B1	7/84	EP	C07D	301/10		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	Mill'man, F.A., Timofeeva et al, Improving Silver Catalysts with Alkali Metal Additives for Propylene Epoxidation Reactions", Izv. Nauch-Issled. Inst. Nefte-Uglekhim. Sin. Irkutsk. Univ. (1969), 11(Pt. 1), p. 33-4 (Russian). (English language translation included)
	AS	Ussow, A., Z. Anorg. Chem. 38, p. 418-428, 1904. (English language translation included)
	AT	Reiss, T. Luft, G. Chem. Eng. Technol. 21, 1998, (6), p. 491-494.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH-1786 (US)APPLICATION NUMBER  
10/694,338LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Leonid I. Rubinstein et alFILING DATE  
10/27/03GROUP ART UNIT  
1625

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	4,761,394	8/88	Lauritzen	502	348	
	AB	4,916,243	4/90	Bhasin et al	549	534	
	AC	5,057,481	10/91	Bhasin	502	208	
	AD	5,670,674	9/97	Grey	549	533	
	AE	5,864,047	1/99	Gaffney	549	536	
	AF	5,861,519	1/99	Kahn et al	549	536	
	AG	5,686,380	11/97	Pitchai et al	502	347	

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes No
	AI			EP			
	AJ						
	AK						
	AL						
	AM						

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	Bosch, E., Kochi, J.K., J. Amer. Chem. Society, 1996, 118, p. 1319-1329.
	AS	International Search Report for PCT/US03/34080 dated February 6, 2004 (TH1786 PCT).
	AT	International Preliminary Examination Report for PCT/US03/34080 (TH1786 PCT)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH-1786 (US)APPLICATION NUMBER  
10/694,338LIST OF INFORMATION PROVIDED  
BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Leonid I. Rubinstein et alFILING DATE  
10/27/03GROUP ART UNIT  
1625

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	5,573,989	11/96	Sugita et al	502	64	
	AB	4,007,135	2/77	Hayden et al	252	467	
	AC	2,615,900	10/52	G. W. Sears, Jr.	260	348.5	
	AD	5,504,053	4/96	Chou et al	502	348	
	AE	4,010,115	3/77	Nielsen et al	252	454	
	AF	4,883,889	11/89	Pennington	549	532	
	AG	5,525,741	6/96	Sugita et al	549	536	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AI							
	AJ							
	AK							
	AL							
	AM							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	Written Opinion for PCT/US03/34080 (TH1786 PCT).
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH-1786 (US)APPLICATION NUMBER  
10/694,338LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Leonid I. Rubinstein et alFILING DATE  
10/27/03GROUP ART UNIT  
1625

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	5,142,070	8/92	Fullington et al	549	532	
	AB	4,785,123	11/88	Pennington	549	532	
	AC	4,012,425	3/77	Nielsen et al	260	348.5	
	AD						
	AE						
	AF						
	AG						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AI							
	AJ							
	AK							
	AL							
	AM							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.